

Eosinophilic Gastrointestinal Diseases

ICD-9 Coordination Committee Meeting

Baltimore, MD

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Four points

- Eosinophilic Gastrointestinal Diseases (EGIDs) *impact patient's quality of life.*
- *Adults and children* are affected by these *chronic diseases* with *increasing frequency.*
- *Pathogenesis* suggest role for allergy but *still not certain*; treatment limited to corticosteroids and dietary elimination
- Currently, *borrowing* from other diseases.

“ EGDs impact patient’s quality of life”

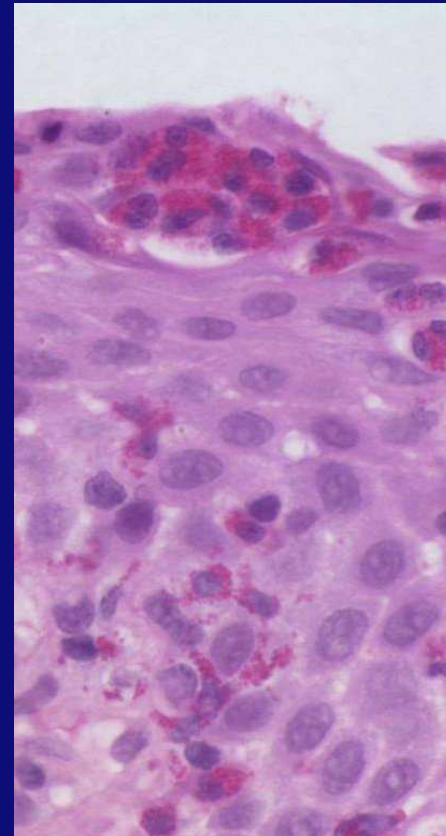
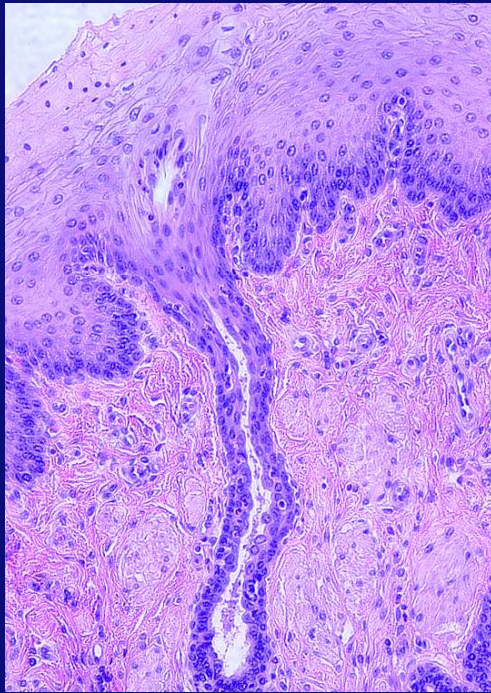
**Definition-
Consensus Statement 2007**

- **Broad range of symptoms-often confused with other diseases**
- **Histology demonstrates increased eosinophils in intestinal tissue**

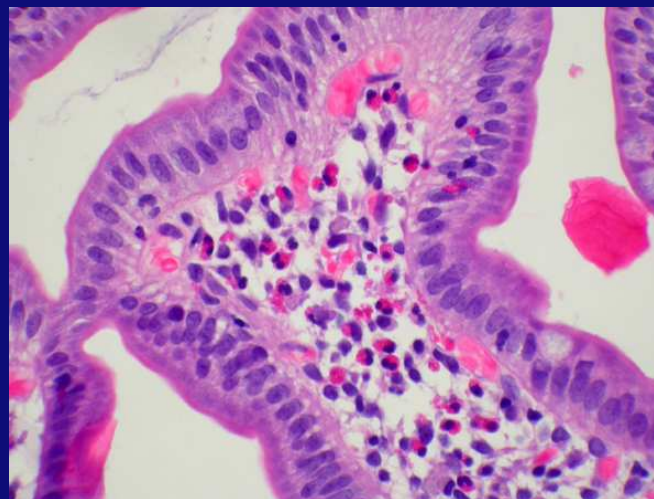
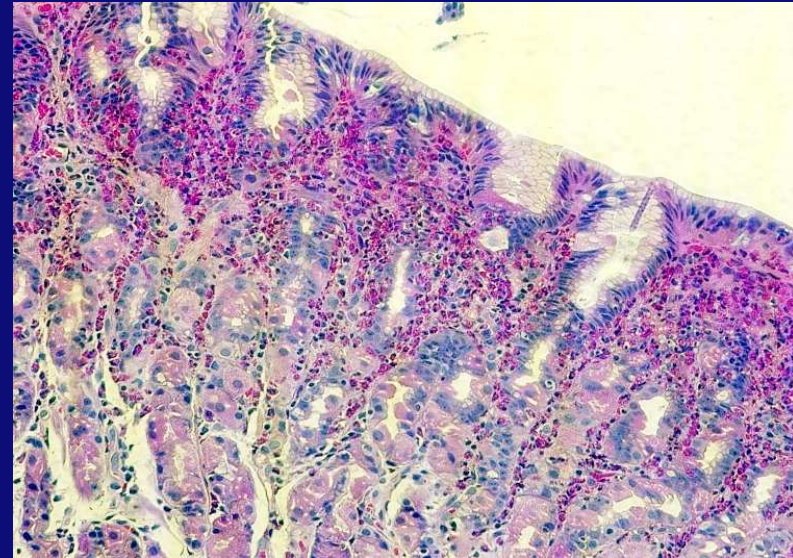
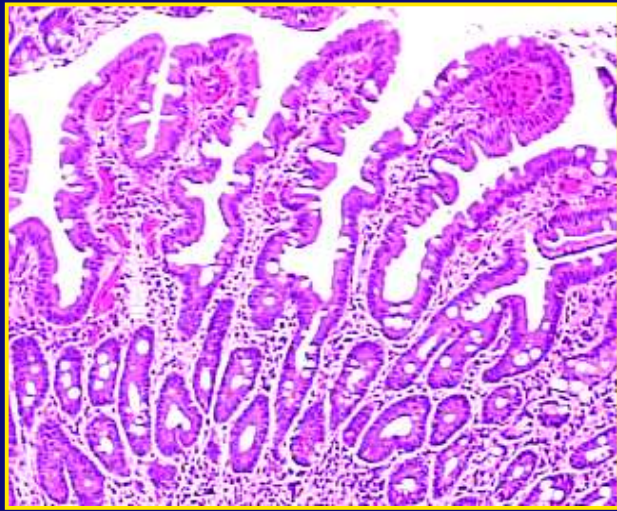
“ EGIDs impact patient’s quality of life”

- **Esophagitis- ?**
 - Unresponsive GERD
 - Feeding problems / slow growth
 - Dysphagia and food impaction
- **Gastritis-?**
 - Abdominal pain, bleeding, vomiting
- **Gastroenteritis and colitis-?**
 - As above
 - Diarrhea
 - Swelling
- ***Missed school and Work absenteeism***

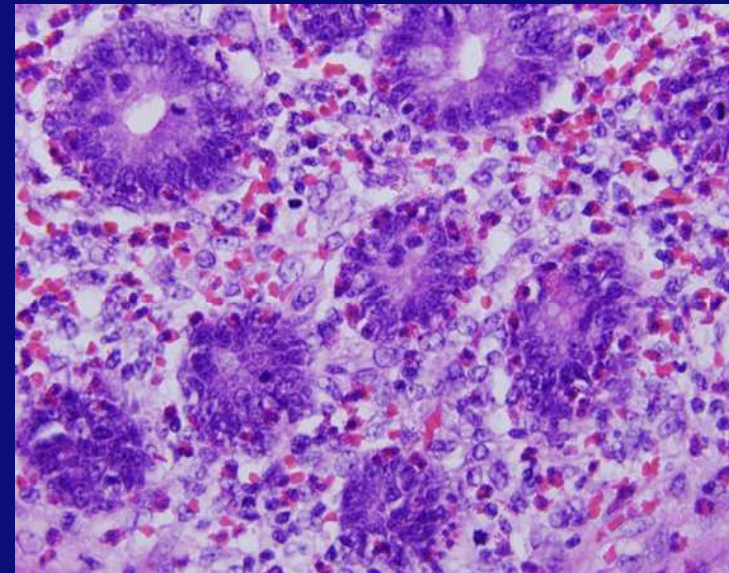
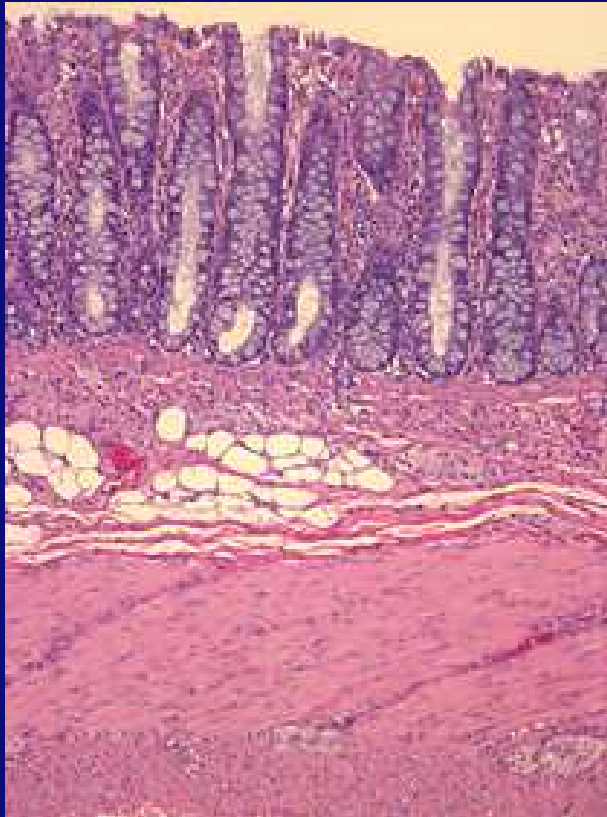
Eosinophilic Esophagitis “530.13”



Eosinophilic Gastritis “535.41”



Eosinophilic Gastroenteritis / Enteritis “558.41”

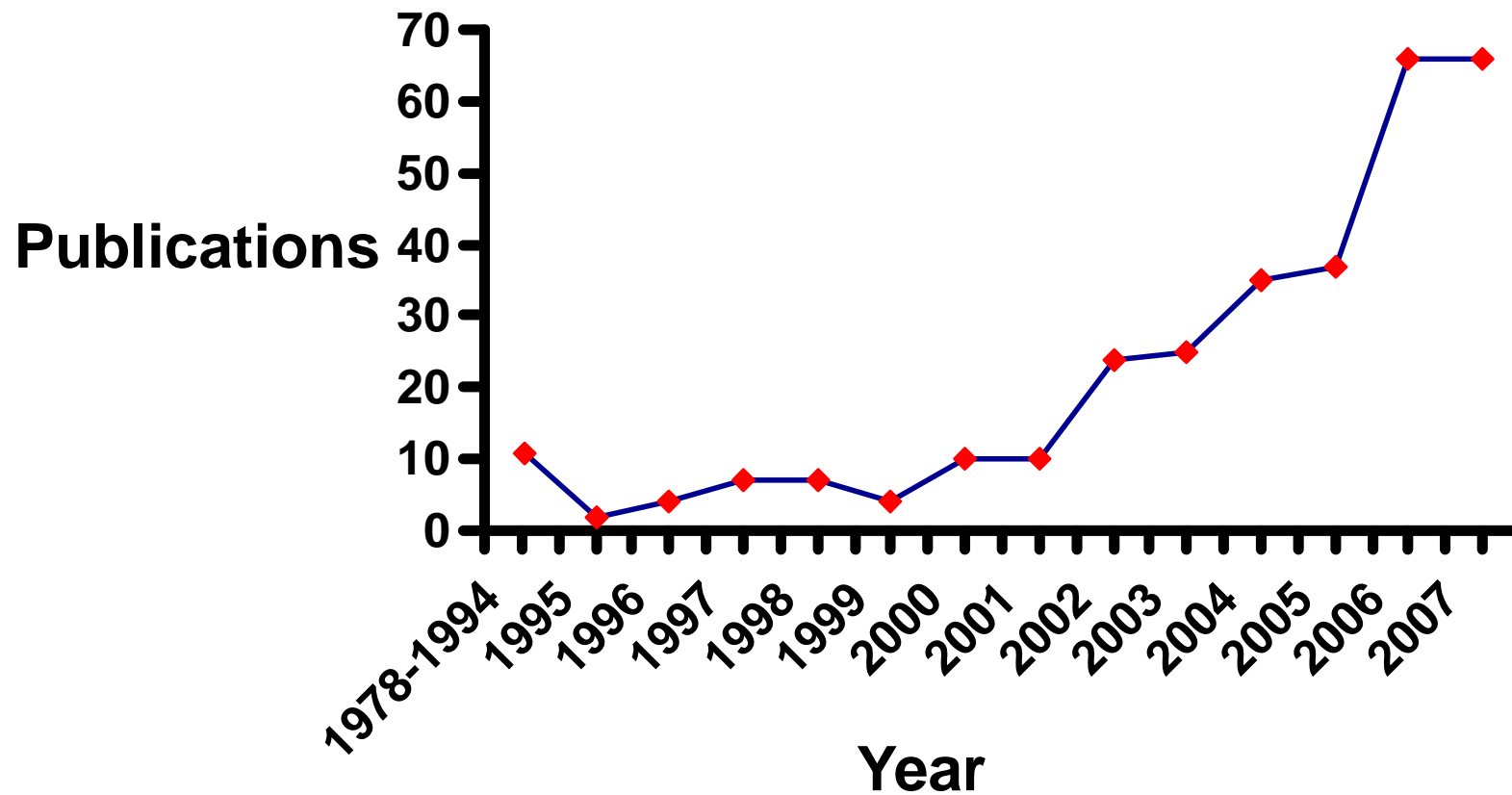


**Eosinophilic
Colitis “558.42”**

“Adults and children are increasingly affected”

- **Recent studies identify both rise in incidence and recognition**
- **Familial clustering**
- **Genetic markers**

EGIDs publications (1978-2007)



**“Pathogenesis suggest allergic role;
Treatment limited to corticosteroids
and dietary elimination”**

- **IgE vs. Non IgE mediated**
- **Long term eosinophilic inflammation associated with fibrosis**
- **Food elimination and / or corticosteroids leads to improvement in many patients.**

Esophageal Stricture

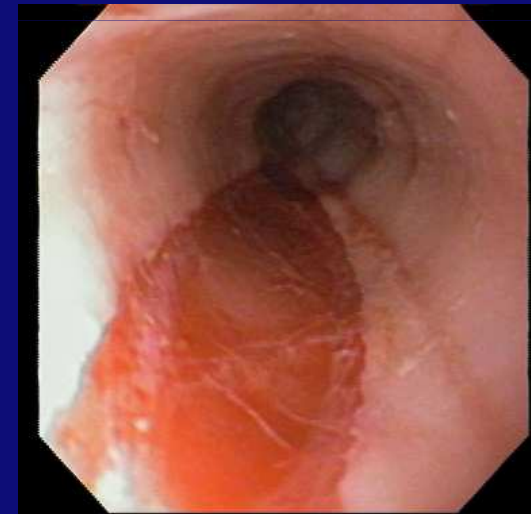
Small caliber esophagus



Pre-endoscopy



Post-endoscopy



“Borrowing from other diseases”

- **Other eosinophilia / esophagitis
288.3 / 530.1**
- **Allergic gastroenteritis 558.3**

“Borrowing from other diseases”

- **Track-epidemiology**
- **NIH-funding for research**
- ***Therapeutic interventions***

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